

**SOUTH CAROLINA ELECTRIC & GAS COMPANY**

**LONG RANGE PLANNING CRITERIA**

It is recognized that the reliability of power supply in local areas is the responsibility of the individual systems and that each system has internal criteria relating to the more common contingencies. It is further recognized that there are severe contingencies, which are credible, but of a low probability of occurrence, which may result in conditions such as islanding and/or loss of load. Such conditions are considered acceptable as long as they are controlled so as to limit the adverse impact of the disturbance and so as to leave the system or systems in such condition as to permit rapid load restoration and/or reconnection.

The requirements of the SCE&G "LONG RANGE PLANNING CRITERIA" will be satisfied if the system is designed so that during any of the following contingencies, only short-time overloads, low voltages and local loss of load will occur and that after appropriate switching and re-dispatching, all non-radial load can be served with reasonable voltages and that lines and transformers are operating within acceptable limits.

- a. Loss of any bus and associated facilities operating at a voltage level of 115kV or above.
- b. Loss of any line operating at a voltage level of 115kV or above.
- c. Loss of entire generating capability in any one plant.
- d. Loss of all circuits on a common structure.
- e. Loss of any transmission transformer.
- f. Loss of any generating unit simultaneous with the loss of a single transmission line.

Outages more severe are considered acceptable if they will not cause equipment damage or result in uncontrolled cascading outside the local area.